

Converting Colors

XYZ(51.8849, 59.1306, 55.2895)

Have a look what the booklet for
XYZ(51.8849, 59.1306, 55.2895)
contains.

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Color

**XYZ(51.9123, 59.2217,
55.1492)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BBD0BA |
| RGB | 187, 208, 186 |
| RGB Percent | 73%, 82%, 73% |
| CMY | 0.2667, 0.1843, 0.2706 |
| CMYK | 0.10, 0.00, 0.11, 0.18 |
| HSL | 117°, 19%, 77% |
| HSV | 117°, 11%, 82% |
| XYZ | 51.9123, 59.2217, 55.1492 |
| YIQ | 199.2130, -5.4540, -11.2940 |

Conversions

Conversions Part 2

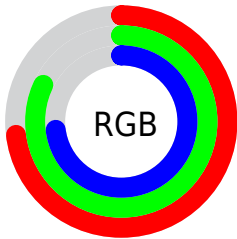
| Format | Color |
|-------------------------------------|---|
| RYB | 186, 208, 207 |
| Decimal | 12308666 |
| CIELab | 81.41, -11.18, 8.53 |
| CIElCh | 81, 14.059, 142.651 |
| Yxy | 59.2217, 0.3122, 0.3561 |
| Android (android.graphics.Color) | 4290498746 (0xFFBBD0BA) |
| YUV | 199.2130, -6.5140, -10.7108 |
| Hunter-Lab | 76.9556, -14.2608, 11.3796 |

Details

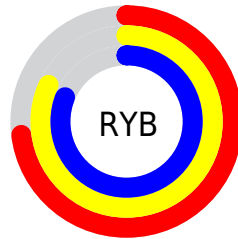
The XYZ color **51.9123, 59.2217, 55.1492** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.6785, 52.9389, 67.0139**, and the grayscale version is **54.4588, 57.2949, 62.3942**.

A 20% lighter version of the original color is **88.7492, 96.9855, 98.0469**, and **25.6208, 29.8730, 26.6060** is the 20% darker color. If you saturate the color by 10%, you get **45.3340, 56.0694, 44.1265**, and if you desaturate by 10%, it is **59.4874, 62.8541, 67.9014**.

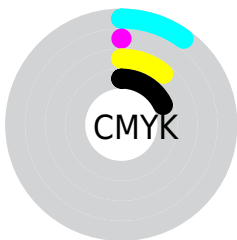
Distribution



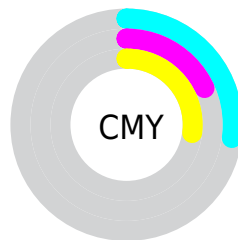
- Red (73%)
- Green (82%)
- Blue (73%)



- Red (73%)
- Yellow (82%)
- Blue (81%)



- Cyan (10%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)





- Cyan (27%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9123, 59.2217, 55.1492 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 51.9123, 59.2217, 55.1492 by changing the saturation by 10% instead.

 51.9123, 59.2217,
55.1492

 51.9123, 59.2217,
55.1492


384.4275,
421.7230, 423.7751

 37.1592, 42.7916,
39.1218


 92.1769, 103.6998,
99.2329

 25.5050, 29.7216,
26.5459


118.4190,
132.5166, 128.1262

 16.5844, 19.6274,
17.0031

149.2216,
166.2311, 162.1452

 10.0321, 12.1245,
10.0747

184.9499,
205.2278, 201.7085

 5.4827, 6.8285,
5.3423

225.9692,
249.8908, 247.2346

 2.5708, 3.3551,
2.3872

272.6450,

 0.9311, 1.3198,

300.6048, 299.1421

0.7795

325.3427,
357.7541, 357.8494

■ 0.0000, 0.1565,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.9123, 59.2217,
55.1492

■ 51.9123, 59.2217,
55.1492

■ 45.3340, 56.0694,
44.1265

■ 59.4874, 62.8541,
67.9014

■ 39.7065, 53.3699,
34.7550

■ 68.0933, 66.9775,
82.4488

■ 34.9872, 51.1047,
26.9566

■ 77.7683, 71.6120,
98.8587

■ 31.1285, 49.2511,
20.6451

■ 81.8470, 73.5941,
104.4990

■ 28.0784, 47.7845,
15.7259

■ 25.7794, 46.6773,
12.0939

■ 24.1664, 45.8987,
9.6288

■ 23.1629, 45.4122,
8.1878

■ 22.6753, 45.1750,
7.5245

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.1389, 59.2217, 50.6633



51.9123, 59.2217, 55.1492



50.8650, 59.2217, 62.4333

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.9123, 59.2217, 55.1492



55.5683, 59.2217, 81.9123



61.6693, 59.2217, 58.4451

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51.9123, 59.2217, 55.1492



54.6785, 52.9389, 67.0139

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.0843, 59.2217, 66.5758



51.9123, 59.2217, 55.1492



58.4941, 59.2217, 80.6102

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.9123, 59.2217, 55.1492



52.9275, 59.2217, 78.2305



60.9039, 59.2217, 74.8132



59.7887, 59.2217, 52.4474

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.9123, 59.2217, 55.1492



50.9499, 59.2217, 68.0943



60.9039, 59.2217, 74.8132



61.9874, 59.2217, 61.0005

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51.9139, 59.2242, 55.1505



91.2068, 98.1583, 102.4185



57.1665, 61.5352, 55.3197



19.3076, 20.9071, 21.5604



0.0000, 0.0000, 0.0000



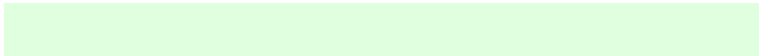
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.9139, 59.2242, 55.1505



79.4660, 92.5305, 82.6737



52.7599, 59.5345, 60.8772



11.7053, 13.2315, 12.5490



14.1538, 28.1655, 4.6905



0.8092, 1.5840, 0.2631

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



54.6785, 52.9389, 67.0139



84.8195, 80.3584, 105.6480



53.7779, 52.6110, 60.8091



12.2555, 11.9806, 14.9102



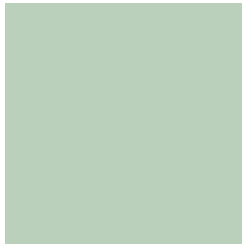
21.7241, 10.3795, 38.0509



1.2314, 0.5890, 2.1284

Previews

White Background



This preview shows how the XYZ color 51.9123, 59.2217, 55.1492 looks on a white background.

Color Contrast Check

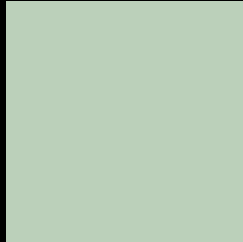
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 51.9123, 59.2217, 55.1492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

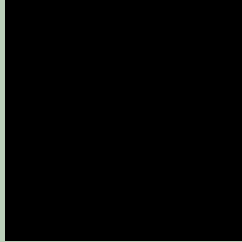
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

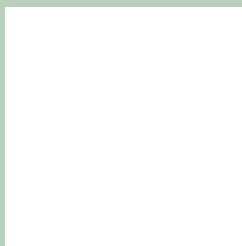
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.9123, 59.2217, 55.1492

Background



This preview shows how black text looks on a background with the XYZ color 51.9123, 59.2217, 55.1492.



This preview shows how white text looks on a background with the XYZ color 51.9123, 59.2217,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

51.9123, 59.2217, 55.1492

Protanopia

55.9085, 58.8523, 52.6689

Deuteranopia

60.0644, 58.8731, 56.3420



Tritanopia

55.8803, 59.0328, 75.4671

Trichromacy



Original Color

51.9123, 59.2217, 55.1492

Protanomaly

54.4972, 59.1612, 53.3467

Deuteranomaly

56.8828, 58.9364, 55.9548

Tritanomaly

54.3290, 59.1148, 67.5783

Monochromacy



Original Color

51.9123, 59.2217, 55.1492

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.3638, 57.7382, 59.3710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9123, 59.2217, 55.1492 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(187, 208, 186)` looks like.

```
.text, #text, p{  
    color:rgb(187, 208, 186)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(187, 208, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 208, 186) }
```

Border

The CSS property to change the border of an element to XYZ 51.9123, 59.2217, 55.1492 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 208, 186) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(187, 208, 186) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(187, 208, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 208, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 208, 186); box-shadow:4px 4px 4px 4px rgb(187, 208, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9123, 59.2217, 55.1492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 208, 186) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(187,  
208, 186) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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